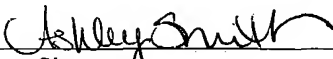


Date: July 30, 2003 Label No. EV306611785US

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Ashley Smith

Name (Print)


Signature

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of: Raymond J. WONG)	Docket No.: 3191-003-01
)	
Application No.: Unassigned)	Parent Examiner: Kuhar, Anthony J.
)	
Filed: July 30, 2003)	Confirmation No.: Unassigned
)	
Parent Group Art Unit: 1754)	Customer No. 33432
)	

For: SODIUM ZIRCONIUM CARBONATE AND ZIRCONIUM BASIC CARBONATE
AND METHODS OF MAKING THE SAME

INFORMATION DISCLOSURE STATEMENT
PURSUANT TO 37 CFR 1.97(b)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

July 30, 2003

Sir:

The attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached Form PTO-1449. These documents are of record in §120 related Application No. 09/723,396, filed November 28, 2000. In accordance with M.P.E.P. § 609, it is not necessary to provide copies of those documents with this filing.

This Information Disclosure Statement is being submitted before expiration of the three-month period following filing of the above-captioned application.

The above information is presented so that the Patent and Trademark Office can, in the first instance, determine any materiality thereof to the claimed invention. See 37 CFR 1.104(a) and 1.106(b) concerning the PTO duty to consider and use any such information. It is respectfully requested that the information be expressly considered during the prosecution of this application,

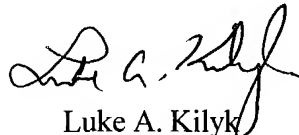
and that the documents cited in the attached Form PTO-1449 be made of record therein and appear on the first page of any patent to issue therefrom.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Examiner applies any of the documents as prior art against any claim in this application and applicant determines that the cited documents do not constitute "prior art" under United States law, applicant reserves the right to present to the office the relevant facts and law regarding the appropriate status of such documents.

Applicant further reserves the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

It is believed that no fee is required to make this a complete and timely filing. However, if it is determined that a petition or fee is required, the Commissioner is hereby authorized to charge any fee associated with this statement to our Deposit Account No. 50-0925.

Respectfully submitted,



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Atty. Docket No.: 3191-003-01
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FORM PTO-1449 (REV 7-80)	Atty. Docket No. 3191-003-01	Application No. Unassigned
INFORMATION DISCLOSURE STATEMENT	APPLICANT: Raymond J. Wong	
	Filing Date: July 30, 2003	Parent Group Art Unit: 1754

U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE, IF APPROPRIATE
	Des. 282,578	2/11/86	Humphreys et al.	D24	21	
	3,669,878	6/13/72	Marantz et al.	210	22	
	3,669,880	6/13/72	Marantz et al.	210	22	
	3,697,410	10/10/72	Johnson et al.	204	301	
	3,697,418	10/10/72	Johnson	210	22	
	3,703,959	11/28/72	Raymond	210	87	
	3,850,835	11/26/74	Marantz et al.	252	182	
	3,989,622	11/2/76	Marantz et al.	210	22 R	
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	4,025,608	5/24/77	Tawil et al.	423	305	
	4,213,859	7/22/80	Smakman et al.	210	27	
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	4,460,555	7/17/84	Thompson	423	309	
	4,484,599	11/27/84	Hanover et al.	137	636.1	
	4,495,129	1/22/85	Newberry et al.	264	235	
	4,558,996	12/17/85	Becker	417	374	

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DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION YES NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Raymond J. Wong, "Method of Making Granular Sodium Zirconium Carbonates (SZC) From Zirconium Oxychloride for Dialysis Application and Zirconium Basic Carbonate (ZBC) Manufacture," Southern Ionics Technical Report No. TR-000008, July 25, 2000, pp. 1-10.
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EXAMINER	DATE CONSIDERED
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 (REV 7-80)				Atty. Docket No. 3191-003-01		Application No. Unassigned	
INFORMATION DISCLOSURE STATEMENT				APPLICANT: WONG, Raymond J.			
				Filing Date: July 30, 2003		Parent Group Art Unit: 1754	
U.S. PATENT DOCUMENTS							
EXAMINER'S INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE, IF APPROPRIATE
		3,520,298	07/14/70	K. Lange	128	213	
		3,545,438	02/12/68	James H. De Vries	128	213	
		3,669,880	06/13/72	Marantz et al.	210	22	
		3,685,680	08/22/72	Tenckhoff et al.	220	27	
		3,850,835	11/26/74	Marantz et al.	252	182	
		3,888,250	06/10/75	Hill	128	214	
		3,939,069	02/17/76	Granger et al.	210	22	
		3,989,622	11/02/76	Marantz et al.	210	22	
		4,088,456	05/09/78	Giorgi et al.	55	179	
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		4,192,748	03/11/80	Hyden	210	87	
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		4,473,449	09/25/84	Michaels et al.	204	101	
		4,474,853	10/02/84	Watanabe	428	403	
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		4,650,587	03/17/87	Polak et al.	210	638	
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		4,765,907	08/23/88	Scott	210	648	
		5,004,459	04/02/91	Peabody et al.	604	29	
		5,034,124	07/23/91	Kopf	210	231	
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		5,173,125	12/22/92	Felding	134	22.11	
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		5,595,909	01/21/97	Hu et al.	435	297.4	
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		5,679,231	10/21/97	Alexander et al.	204	627	
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		5,944,684	08/31/99	Roberts et al.	604	5	

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		EP000152717A1	08/28/85	Europe	604	29	Abstract
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EXAMINER	DATE CONSIDERED
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Atty. Docket No.: 3191-003-01			Application No.:		Unassigned		
Applicant:		WONG, Raymond J.					
Filing Date: July 30, 2003			Parent Group Art Unit:		1754		
U.S. PATENT DOCUMENTS							
Examiner Initial*		Document Number	Date	Name	Class	Sub Class	Filing Date If Appropriate
		2,328,381	8/31/43	Jaffe	285	161	
		4,042,672 A	08/16/77	Brugger et al.	423	419	
		4,560,472	12/24/85	Granzow et al.	210	140	
		4,738,668	4/19/88	Bellotti et al.	604	283	
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		5,498,338	3/12/96	Kruger et al.	210	641	
		5,597,805	1/28/97	Breborowicz et al.	514	19	
		5,631,025	5/20/97	Shockley et al.	424	678	
		5,641,405	6/24/97	Keshaviah	210	645	
		5,704,915	1/6/98	Melsky et al.	604	175	
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		5,824,213	10/20/98	Utterberg	210	241	
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		5,980,481	11/9/99	Gorsuch	604	28	
		5,984,891	11/16/99	Keilman et al.	604	65-67	
		6,017,942	1/25/00	Bergström	514	399	
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		6,117,122	9/12/00	Din et al.	604	408	
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		3-242206	10/29/91	Japan			Abstract Only		
		JP 59046964	1984	Japan			Abstract		
		FR 2 585 251-A1	5/1985	France	A61M	1/34,1/14			
		GB 1 467 880	3/1977	Great Britain	B01D	13/00			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)									
		Copy of U.S. Patent Application No. 09/996,505							
		Copy of U.S. Patent Application No. 09/995,888							
		International Search Report for PCT/US01/44660							
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		Pospelova and Zaitsev. "Carbanto-Compounds of Zirconium", Russian Journal of Inorganic Chemistry, vol. 11, #8, August 1966, pg. 995-1004.							
Examiner					Date Considered				
*Examiner:		Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							
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